

**Exercise 1** The equation  $2x^2 - 3x - 2 = 5 - 3x$  can be rewritten as  $f(x) = 0$  for some function  $f$ . In this case

$$f(x) = \boxed{2}x^2 - 7.$$

Select the zeros of  $f$  below.

**Select All Correct Answers:**

(a)  $\sqrt{\frac{7}{2}}$  ✓

(b)  $-\sqrt{\frac{7}{2}}$  ✓

(c)  $\sqrt{\frac{2}{7}}$

(d) 1.9

(e) 1.87

